



CARDIFF RURAL DISTRICT COUNCIL.  
INTERIM REPORT.

for the Year

1941

by

G. MCKIM THOMAS.  
M.R.C.S., L.R.C.P., L.D.S. (Eng.), D.P.H. (Lond.),  
Medical Officer of Health.

PUBLIC HEALTH OFFICERS, 1941.

Medical Officer of Health,  
G. McKim Thomas, M.R.C.S., L.R.C.P., L.D.S., (Eng.), D.P.H. (Lond.),  
Superintendent, Health Visitor and Inspectress under the Children's Act.  
Nurse E.G. Rooney, Cert. C.M.B., H.V., and R.S.I.,  
Nurse F.A. Salmon, Cert. C.M.B., H.V., and R.S.I.,

Senior Sanitary Inspector :

Evan Jones, A.R.S.I., .... No. 2 District (Radyr)

Sanitary Inspectors,

G.I. Hall, A.R.S.I., .... No. 3 District (Dinas Powis).  
W. Davies, A.R.S.I., .... No. 1 District (Whitchurch )

ELY ISOLATION HOSPITAL.

Matron:

Miss Aerona Davies, S.R.N., R.F.N., S.C.M.,

Clerk Typist:

C. Neathy, (On Active Service since 29th August, 1939)

Temporary Clerk:

S.L. Deacon.

Typist:

Miss Avril Thomas.



CARDIFF RURAL DISTRICT COUNCIL.

To the Chairman and Members of the  
Cardiff Rural District Council :

Gentlemen,

I beg to submit my Annual Report for the year ending 31st December, 1941. The Welsh Board of Health have, in Circular 2604 (Wales) asked that the Medical Officer of Health's Report be prepared on the lines indicated in Circular 2314 (Wales) and 2067 (Wales).

Arrangements have been made for the careful preserving of all records and statistics which are supplied by the Registrar General. Certain information is not being published on grounds of National Security.

The year under review has been notable in the fact that although the War has been in progress for two years and four months and various restrictions have been placed upon the population as regards mode of living, the incidence of illness and general sickness and especially infectious diseases has been no more than in the years of peace, and these facts are rather illuminating when one considers the number of nights on which raids were experienced and when the hours of sleep were very definitely interfered with. The blackout restrictions have necessarily restricted the opening of windows. The Food Rationing has been maintained at a good level and supplies of the necessary vital foodstuffs have been obtained by all. The supplies of milk and milk foods to the mothers and children through the Infant Welfare Centres and Food Office have no doubt done a great deal to maintain the general standard of health and well-being.

There has been a large reduction of the number of evacuees in your area, and this has no doubt been brought about by a diminution in the number and intensity of air-raids giving rise to a sense of more security in the places from which the evacuees were received.

The number of fatal casualties and others as a result of the bombing has been extremely small and your Casualty Services have not had to be called upon except on two or three occasions.

SECTION A.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA :

## (1) General Statistics :

Area - acres ... ..	60,056
No. of inhabited houses ... ..	9550
Rateable Value of District ... ..	£213563
Sum represented by the 1d rate ... ..	£85g. 13. 4

## (2) Social Conditions :

The district is divided mainly into a residential area and a large Rural portion in which farming is largely carried on, there being some 321 farms in the area ;

The industries are comprised of :

Tin Works. Waterloo Tin Plate Works, Rudry; Melingriffith Tin Plate Works.  
Cement Works. Aberthaw & Bristol Channel Portland Cement Co., Ltd.,

(2 Works at Rhose) British Portland Cement Co., Penarth.

Turner Asbestos Cement Co., Rhose.

Brick Works. Wernddu Brickworks, Van.

Railway Works. G.W.R. Engineering and Wagon Works, Van.

Dolomite Works.

Quarries. Thirteen Stone Quarries.



## Causes of Infant Deaths at various ages during 1941.

Disease.	Weeks.				Total 1st Month	Months.				TOTAL.
	1.	2.	3.	4.		1-3	3-6	6-9	9-12.	
Broncho Pneumon- ia.						4			1	5
Gastro-Enteritis							1			1
Prematurity	1	1			2					2
Pyloric Stenosis						1				1
Hydrocephalus & Spina Bifida		1			1					1
TOTALS.	1	2			3	5	1		1	10

SECTION B.

General provision of Health Services for the Area :

## (a) Laboratory Facilities.

The Public Health and the Emergency Laboratories have both provided all the facilities which are required for the analysis and testing of various samples and specimens which are submitted to them and it is a great advantage to have these laboratories conveniently near, so that reports are obtained at the earliest possible moment. It has not been found necessary to carry out any special investigation other than those of a more routine character.

Examination of Pathological Specimens during the year 1941			
Nature of Specimen.	No. of Specimens Examined.	Negative.	Positive.
Swabs for Diphtheria	174	148	26
Sputum for Tubercle Bacilli	34	33	1
Pus for Tubercle Bacilli	1	1	-
Faeces for Enteric	3	3	-
Blood for Enteric	1	-	1
Faeces for Dysentery	3	3	-
Cerebro-spinal-fluid	2	2	-
Pneumonia	1	-	1
Faeces for Food Poisoning	2	2	-
Urine for Tubercle Bacilli	1	1	-
	202	193	29

## (b) Ambulance Facilities

The Ambulance for Infectious Disease Cases continues to give satisfaction although should replacements be necessary this will be difficult on account of the age of the vehicle.

Ambulances for Air-Raid Casualties.

During the year an additional ambulance has been supplied by the County Council and this is stationed at the Whitechurch Depot. In all there are five ambulances in your area, Whitechurch 2, Rhiwbina 1, Radyr 1, Dinas Powis 1. The southern portion of your district can be served by the Ambulance from Barry.

In addition to these ambulances a number of cars have been provided by volunteers to act as conveyance for sitting cases. Owing to the petrol restrictions there has been some falling off in the number of cars available.

(c) Nursing in the Home

The work of the District Nurses continues to be much appreciated throughout your district and this is a most useful service, particularly in the more rural parts of your district. The nurses live at the following points : Penttyrch, St. Fagans, Rhose, Peterston-s-Bly, East Aberthaw, Rhose, Whitchurch and Rhiwbina are served by Nurses sent out from Cardiff.

(d) Treatment Centres and Clinics.

Cases of Tuberculosis and suspected Tuberculosis are referred to the Tuberculosis Physician of the Welsh National Memorial Association and in the main are examined at the Centre at Cathedral Road, Cardiff. Some cases attend personally at Pontypridd and Barry. In cases which are unable to attend these Centres through illness the Tuberculosis Physicians attend the patients in their own homes. All facilities are available at these Centres for a thorough examination to be made, including the use of X-Rays which nowadays play a most important part in assisting in diagnoses. Information regarding Tuberculosis cases which have been called up for the various services is now made available to the Medical Examination Boards.

Venereal Disease.

Definite and suspected cases are referred to the Centre at Glossop Terrace near the Cardiff Royal Infirmary and at the Public Health Centre, Woodland Rd; Barry Dock.

(e) Hospitals.

The Cardiff Royal Infirmary receive cases which are referred mainly through your Maternity & Child Welfare Centres and in the main most which have been sent in are of an out-patient character. Evacuee children who require admission have been sent either to the Cardiff Royal Infirmary or to Llandough Hospital.

Orthopaedic cases are referred to the Prince of Wales Hospital and fortunately the type of case which has been referred has only been out-patient. There was only one case of Infantile Paralysis receiving attention during the year.

MATERNITY & CHILD WELFARE.

Maternity Services.

Ante and Post Natal Clinics in your area are being used by an increasing number of women and the steady increase in the number of attendances has fully justified their establishment. Dr. Bryneilen Griffiths conducts these Clinics, at Whitchurch on Friday each week at The Tabernacle Methodist Chapel, Merthyr Rd, but the premises are not all that could be desired and it will be a big advantage when you are able to have your own Clinic premises, as was foreshadowed before the outbreak of war. The Clinic at Rhose is held on the same afternoon (alternate Mondays) as the Infant Clinic as the number of mothers attending does not justify, as yet, a separate session.

It has been found necessary to hold the Ante-Natal Clinic at Dinas Powis on alternate Wednesdays, as a distinct Clinic from the Infant Clinic, but here it is desirable for a larger attendance of mothers.

Evacuee mothers were all visited and encouraged to attend the Clinics, all facilities were made available to these Mothers and every encouragement given to them to make their stay among us a happy one.

No. of Mothers attending Ante-Natal Clinics :	233
No. of Mothers attending Post-Natal Clinics :	21



### Institutional Provision for Mothers and Children.

These arrangements are the same as have been described in my previous Annual Reports. Almost all Evacuee Mothers have been admitted to Hospital for their confinements as it appears to be difficult for satisfactory arrangements to be made in the Billets. In some cases it was found necessary to accommodate their other children in the Hostels during the period of the mother's confinement.

No. of Mothers admitted to Institutions  
for confinement : 51  
(under arrangement with your Council)

### Health Visitors.

It was found necessary to make some adjustment to the Health Visitors' districts in order to equalise the amount of work as far as possible and this was accomplished by increasing the size of No. 2 District (Nurse E. G. Rooney) by the addition of the parishes of Penttyrch, Gwaelodygarth, St. Fagans and Llanilterne and by the deduction of this amount from No. 1 (Nurse F.A. Salmon) District.

The districts as now arranged are :

<u>No. 1 District</u> :	Acreage :	Population :	No. of Clinics in 4 weeks
	17,156	19,719	14
<u>No. 2 District</u> :	42,900	11,839	13

There has been a large increase in the Clinic attendances at certain Clinics, and the number of visits of all kinds which should be made make it desirable that the consideration of the appointment of a third Health Visitor should be given careful consideration.

ATTENDANCES AT INFANT CLINICS DURING 1941.				
Clinic.	Session.	Doctor Attends.	Total No. of Sessions.	Total Attendances
Whitchurch	Weekly	Yes	52	4965
Rhiwbina	Weekly	Alternate Weeks.	50	1924
Tongwynlais	Fortnightly	Yes	27	1201
Gwaelodygarth	Fortnightly	Yes	28	451
Penttyrch	Fortnightly	Yes	25	448
Peterston-s-Ely	Monthly	Yes	12	255
Wenvoe	Fortnightly	Yes	23	461
Dinas Powis	Fortnightly	Yes	26	1098
Rhoose	Fortnightly	Yes	26	783

Each Lady Health Visitor has a car and is in receipt of a car allowance and as a result there has been a definite increase in the number of home visits paid. Without this form of transport there would most certainly have been a falling off in the visits owing to the increased difficulties in getting about the district. I am of the opinion that it will be necessary to provide a Clinic in the North-East side of your district as soon as conditions allow, as this area is far removed from any of your existing Clinics.

### Infant Life Protection.

There was only one case under this heading during the year. Periodical visits were paid and it was not found necessary to take any proceedings under the Act during the year.

### Arrangements for Dental Cases.

I have drawn attention in my previous reports to the fact that a number of appointments for dental treatment are made, but a large

number do not respond to the invitation. This is a regrettable feature as there is a shortage of dental officers and the amount of work which has to be undertaken is hampered by this failure to keep the appointment when sent for. It still appears that dental treatment is not sought except in cases where pain to the patient compels their attendance.

#### Orthopaedic Treatment.

Cases of an orthopaedic nature are referred to the Prince of Wales Hospital, Cardiff. Very fortunately, your district has been spared from having any serious cases of this sort, but nevertheless an increasing number of cases have been sent in for consultation and treatment as out-patients during the year. Most cases are seen within one week of being referred to the Hospital and treatment is undertaken almost immediately. In this direction, it is very pleasing to note that the deformities which are referred very early are thus quickly treated and in a very short time, in the majority of cases, excellent results are obtained.

Now Cases referred during 1941 :

<u>Case No.</u>	<u>Defect.</u>	<u>Treatment Advised.</u>
1. H.W.	Bow-legs	Altered Shoes.
2. D.C.	(Calcaneo Valgus (Severe Metatarsus Varus	Plasters.
3. L.B.	Bow-legs.	Altered Shoes.
4. D.O.	Torticollis	Collar and manipulations.
5. H.M.	Knock-Knee	Shoe Alterations and Night Splints.
6. D.H.	Flattening of Chest Wall.	Breathing exercises and observation.
7. A.B.	Wearing down outer side of shoes.	For Observation.
8. N.C. (1940)	Flat Feet	Alterations to Shoes.
9. P.H.	Calcaneo Valgus, deformity of feet. Valgus deformity of knees.	Special Attention to shoes.
10. D.W.	Torticollis - deformity of fingers.	Collar and manipulations. splints and manipulations.
11. P.V.	(Double calcaneo valgus. (Crooking of little toes.	Did not attend.
12. R.P.	Septic Toe	(?) Amputation.
13. R.B.	Bow-legs and Intoeing.	Alterations to shoes.
14. J.H.	Torticollis	Did not attend.
15. K.D.	Double Calcaneo Valgus	Alterations to shoes.
16. E.D.	Clicking of Knees	No treatment.
17. M.M.	Double genu valgum	Splints and alterations to shoes
18. J.W.	Bow-legs	Alterations to shoes
19. K.B.	Contracture of fingers	Splints.
20. M.S.	Slight calcaneo valgus deformity.	For observation.
21. C.B.	Bow-legs	Alterations to shoes and diet.
22. J.B.	Knock-knee	Outside Irons
	Calcaneo Valgus both feet	Alterations to shoes.
23. A.R.	Mild Rickets.	Diet-Alterations to shoes Splints.
24. H.D.	Bow-Legs	Alterations to Shoes and Splints.
25. G.S.	Knock-Knees Calcaneo Valgus deformity of feet.	Alterations to shoes.
26. M.C.	Hyperextension of Knees.	Alterations to shoes and exercises.
27. G.R.	Flat Feet and Bow-legs.	Alterations to shoes.
28. H.K.	Valgus and planus deformity	Alterations to shoes and exercises.



29.	P.H.	Calcaneo Valgus.	Splints.
30.	D.B.	Torticollis	Collar
31.	B.C.	Knock Knee	Alterations to shoes.
		Calcaneo Valgus	
32.	W.G.	Club Foot	Manipulation - plasters.
33.	E.W.	Dow-legs - Flat Feet.	Alterations to Shoes.

#### MILK SCHEME.

The Milk Scheme of the Ministry of Food has been of the greatest possible assistance to the mothers and children during the period of War, and has no doubt helped in no small measure to maintain the good standard of nutrition.

Experience in your area has been however, that the National Dried Milk has not been taken up and it is with the greatest difficulty that one can induce a mother to try it. This is, undoubtedly, due to the fact that it has not received the publicity that other forms of dried milks have had, and also to the unattractive package which does not help to make the article saleable.

I pointed out in my last year's report that there was no Half cream National Dried Milk, but this has now been available for some time.

#### Government Evacuation Scheme.

A medical inspection was carried out before the Evacuees were allocated to their respective billets and the number that was found to be suffering from serious complaints was very small. There was however a large number of cases of Enuresis and great difficulty was experienced in dealing with this type of case and so permission was sought from the Welsh Board of Health for the opening of a second Hostel to accommodate cases of this kind and also for other minor ailments.

Premises known as Beechwood, Plas Treoda, Whitchurch were taken where there was accommodation for 23 children together with a Nurse-in-Charge, the domestic staff consisting of a Cook and Housemaid (non-resident).

The Hostel was opened on 18th April, 1941.

Unfortunately very shortly afterwards, a large number of Evacuees returned to their homes and so the demand on the beds has not been as great as was known to have at one time existed.

During one of the Air-Raids a bomb was dropped not very far distant, but fortunately there were no casualties and the only damage was to the windows in the front of the house which were all broken as a result of the blast.

Refuge Rooms have been provided at Heoldon and Beechwood by means of blast walls and Morrison Table Shelters. Adequate provision has been made for dealing with any fires which might be caused.

The diet in both Hostels has been arranged as far as possible in accordance with a Schedule dealing with meals in Hostels.

The existence of these Hostels in the area has been of great value in dealing with the type of difficulties which arise as a result of Evacuation.

The number of cases of severe illness and infectious disease amongst the evacuee population has been very small and a great improvement has taken place in the nutrition of most of the children.

The Cardiff Rural District being designated a Reception Area under the Government Evacuation Scheme. Evacuees were received as follows :

Between 1st January, 1940 - 31st December, 1940.

Unaccompanied Children	...	...	...	...	2,526
Accompanied Children	...	...	...	...	406.
Mothers	...	...	...	...	243
Adults	...	...	...	...	69



Between 1st January, 1941 and 31st December, 1941.

Unaccompanied Children	...	...	...	...	...	68
Accompanied Children	...	...	...	...	...	255
Mothers	...	...	...	...	...	152
Adults	...	...	...	...	...	62

Fruit Juices and Cod Liver Oil.

During the Autumn, Circular 2520 (Wales) was received from the Welsh Board of Health, stating that the Ministry of Food was making available supplies of fruit juices and cod liver oil to provide for the Vitamin C and Vitamins A and D requirements of all children under six years of age. It is hoped shortly to extend the issue of Cod Liver Oil to all children who hold the child's ration book. (30th January, 1942).

The preparations are to be issued free to all children within the age group during the winter, though at the end of March 1942, a charge may be made to parents who do not qualify for free milk under the National Scheme.

The issuing of these articles has been arranged in collaboration with the Local Food Officer, to be done through the Infant Welfare Centres, as well as from the Food Office. These products have been of great value to the children in your area and the scheme has been very well supported.

Supply of Coupons to Expectant Mothers.

Circular 2437 (Wales) was received from the Welsh Board of Health stating that it was proposed to issue a special supply of clothing coupons to enable expectant mothers to buy materials for the garments which should be made before the birth of the baby.

Fifty coupons were to be issued on the production of a Certificate of pregnancy signed by the Medical Practitioner or Midwife.

The Scheme came into operation on the 1st August, and the necessary publicity was given to the provisions contained in the Circular.

Return made to the Ministry of Health.

(Welsh Board of Health)

for the year 1941.

Maternity & Child Welfare.

Health Visiting :

Number of Visits paid during the Year by Health Visitors :

(a) to expectant mothers	...	First Visits	...	343
		Total Visits	...	871
(b) to children under one				
year of age	...	First Visits	...	447
		Total Visits	...	3104
(c) to children between the				
ages of 1 and 5 years	...	Total Visits	...	3102

Infant Welfare Centres :

(a) Number of Centres provided and maintained by the Council	...	9
(b) Number of Centres provided and maintained by voluntary associations	...	None
(c) Total number of children who first attended at the Centres during the year, and who, on the date of their first attendance were :		
(1) Under 1 yr of age	...	413

(11) Over 1 yr. of age	...	332
(d) Total number of children who attended at the Centros, and who were at the end of the year :		
(1) Under 1 year of age	...	335
(11) Between the ages of 1 and 5 years.	...	935

#### Ante-Natal and Post-Natal Services.

	<u>Ante-Natal.</u>	<u>Post-Natal.</u>
No. of Clinics provided and maintained by the Council:	3	3
Total number of Women who attended at the Clinics during the year :	233	21

Number of Women sent by the Council to Maternity Institutions during the year :

51

Number of Maternal Deaths :

Nil.

#### SECTION C.

##### Sanitary Circumstances of the Area.

##### Water Supplies.

A system of regular sampling and supervision of the water supplies of the district has been in operation throughout the year. A total of one hundred and eleven samples were taken : 45 from the Public Main Supplies, 44 from Public Wells, 10 from Private Mains and 12 from Private Wells. One hundred and eight of these were submitted for bacteriological examination and three for chemical analysis. The results of the examination together with details of special inspections or recommendations were recorded in a joint report with your Surveyor and this was given consideration by the Health Committee at the end of each Quarter.

With the exception of one unfiltered supply situated at Gwaelodygarth, the results obtained from the Public Mains have, generally, been satisfactory throughout the year. Some difficulty was experienced in maintaining a satisfactory standard of purity at the Creigiau Private Mains Supply. Unsatisfactory results were obtained on three occasions and these were immediately made known to the owners of the estate, who carried out investigations in co-operation with the Council's Officials. Meanwhile consumers on this supply were advised to boil water used for drinking purposes.

The majority of Public Wells in the District are of the shallow type, they cannot therefore be relied upon to supply regularly water of a satisfactory standard of purity. In a number of cases notice boards have been erected on the site of those wells giving unreliable supply, advising consumers to boil water used for drinking.

Investigations were carried out with a view to locating wells, springs and streams which could be used to provide water to the Public in the event of the Public Mains Supply being damaged by enemy action. Samples were taken at a number of wells and springs known to provide reasonably good yield and quality the results of which have been handed to those responsible for maintaining the supply. Constructional works will be carried out to make some of the supplies more convenient and easily accessible.

The following is a table showing the place, dates when samples were taken and the results obtained from the various supplies in your district.



# BACTERIOLOGICAL ANALYSIS OF WATER, 1941.

## A. MAIN SUPPLY.

Source.	March Quarter.		June Quarter		September Quarter.		December Quarter.	
	Date.	Result.	Date.	Result.	Date	Result.	Date.	Result.
1. Bonvilston etc., Scheme	5.3.41	Satis.	23.5.41	Satis.	19.9.41	Satis.	3.12.41	Satis.
2. Radyr	10.3.41	Satis.	22.5.41	Satis.	25.9.41	Satis.	27.11.41	Satis.
3. Van (Rhymney Valley Water Board)	21.3.41	Fairly Satis.	18.6.41	Satis.	20.8.41- 3.10.41	Doubtful purity Satis.	17.12.41	Satis.
4. Welsh St. Donatts	10.3.41	Satis.	20.5.41	Satis.	17.9.41	Fairly Satis.	19.11.41	Satis.
5. Penmark	5.3.41	Satis.	23.5.41	Satis.	19.9.41	Satis.	20.11.41	Satis.
6. Pontyrrch & Llanilterne	10.3.41	Satis.	22.5.41	Satis	11.9.41	Moderate Purity	15.11.41	Fairly Satis.
7. Tank on Mountain, Gwaclody-garth.	10.3.41	Contaminated	22.5.41	Satis.	11.9.41	Doubtful Purity	(15.11.41) (27.11.41)	Doubtful Purity Fairly Satis.
8. Well, New Row, Rhydygwern	21.3.41	Satisfactory	12.6.41	Satis.	20.8.41	Fairly Satis.	17.12.41	Satis.
9. Spring and Filtration Plant, Rudry.	26.2.41	Satis.	12.6.41	Satis.	20.8.41	Satis.	10.12.41	Satis.
10. Spring & Filtration Plant, Waterloo Row, Rudry	26.2.41	Satis.	12.6.41	Mod. purity	20.8.41	Satis.	29.12.41	Satis.

## B. PUBLIC WELLS.

1. Well, Springmeadow Road, Lisvane	26.2.41	Satis.	12.6.41	Fairly Satis.	(26.8.41 ) ( 3.10.41)	Doubtful purity Satis.	10.12.41	Fairly Satis.
2. Glebe Field Well, Llancarfan	21.3.41	Satis.	21.5.41	Satis.	19.9.41	Doubtful purity.	2.12.41	Doubtful purity.
3. Rhooose Village Pump.	5.3.41	Satis.	23.5.41	Satis.	26.8.41	Fairly Satis.	19.11.41	Fairly Satis.
4. Sufton Pump, Penmark.	5.3.41	Satis.	13.5.41	Satis.	26.8.41	Doubtful purity	20.11.41	Contaminated.
5. Church Pump, St. Lythans.	21.3.41	Satis.	13.5.41	Satis.	19.9.41	Moderate purity	19.11.41	Contaminated.
6. Well, Honri Lane, St. Nicholas	10.3.41	Fairly Sat.	21.5.41	F. Satis.	26.8.41	Moderate Purity	2.12.41	Doubtful purity
7. Well, near Church, Donatts.	10.3.41	Satis.	20.5.41	Doubtful purity.	17.9.41	Contaminated Satis.	2.12.41	Fairly Satis.
8. Well, Cefn Mably Houses.	26.2.41	Satis.	12.6.41	Satis.	7.9.41	Satis.	19.11.41	Fairly Satis.
9. Well, Moulton Rd, Llancarfan	21.3.41	Satis.	13.5.41	Satis.	3.10.41	F. Satis.	10.12.41	Moderate purity
10. Fomon Pump, Penmark.	5.3.41	Satis.	13.5.41	Satis.	19.9.41	Satis.	3.12.41	Moderate purity
					19.9.41	Doubtful purity	19.11.41	Fairly Satis.

C. PRIVATE MAINS SUPPLIES Wingfield Estate Supply, Creigiau Glyn Cory, Peterston-s-Ely	12.3.41	Contaminated	23.5.41	Satis.	17.9.41	Satisfactory	15.11.41 27.11.41 2.12.41	Doubtful purity F. Satis. Moderate Purity
	26.3.41	Contaminated	23.5.41	Satis.	17.9.41	Satisfactory		
	13.3.41	F. Satis.						
D. PRIVATE WELLS. 1. Well, Pantbach Rd, White- urch. 2. Graig Farm, Rhiwbina. 3. Well, 24, Mill Rd, Tongwynlais. 4. Well, Ty Isaf Farm, Tongwynlais 5. Spring, near Y Wen, Morganstown. 6. Well rear of Heol Isaf, Radyr 7. Stand Pipe, Cwrt-yr-Ala, St. Andrews. 8. Well, Storylands, St.- Andrews. 9. Downs Farm, St. Andrews 10. Deep Well, Boards Shop, Penmark. 11. Wenallt Farm, Rhiwbina.			10.4.41	Doubtful purity.				
			10.4.41	Satisfactory				
			4.4.41	Satisfactory				
			4.4.41	F. Satis.				
			10.4.41	Moderate purity.				
			10.4.41	Satis.				
			28.5.41	Satis.				
			28.5.41	Satis.				
			21.5.41	F. Satis.				
			23.5.41	Doubtful Purity.				
							23.11.41 20.11.41	Contaminated Satisfactory.

10.

Chemical Analysis.

Three samples were taken from the Public Main Supply and all results were satisfactory.



DRAINAGE AND SEWERAGE.

During the year, there has not been any extensions of sewers and consequently no alteration in the existing districts served by cesspools. It will be possible during the next year to deal with cesspools in all parts of the district because sanction has now been obtained from the Ministry of Transport and Welsh Board of Health for the purchase of a new vehicle for doing this work in a hygienic manner.

RIVERS AND STREAMS.

No complaints were received during the year of any pollution and no action was necessary.

CLOSET ACCOMMODATION.

There has not been any alteration from the conservancy to the water carriage system during the year.

PUBLIC CLEANSING AND SALVAGE.

In April, the contracts for the collection of Refuse and Salvage in Whitchurch (part of), Radyr and St. Andrews were terminated and in substitution therefor the Council undertook a fortnightly collection of Salvage in these areas by direct labour. It was possible owing to the double summer-time to institute two eight-hour shifts.

Refuse collection was, however, continued by contract in the parishes of Radyr and St. Andrews while that portion of the parish of Whitchurch, formerly done by contract was now cleansed weekly in the double-shift system referred to.

In September, due to the discontinuance of double summer-time, it was necessary to purchase an extra vehicle in order to carry on the work as arranged.

The following table shows the amounts of salvage collected and the value realised by the sale :

Description.	Tons.	Cwts.	Qrs.	Lbs.	£.	s.	d.
Waste Paper	204.	8.	0.	7	1010.	11.	3
<u>Metals.</u>							
Ferrous	74.	4.	2.	20	118.	19.	8
Non-Ferrous	1	1.	2	2.	23.	12.	4
Textiles	14.	3.	2.	0	120.	19.	2
Household Bones	5.	12.	2.	0	12.	10.	0
<u>Glass.</u>							
Bottles and Jars 17 gross per ton	-	13 ton.			55.	8.	1.
Totals.	312.	10.	1.	1.	£1342.	0.	6.

CAMPING SITES.

There are no camping sites in use in the district.

SMOKE ABATEMENT.

No complaint was made during the year and no case of nuisance from this cause was found.

ERADICATION OF BED BUGS.

In three cases private houses were disinfected during the year. Revisits to these treated premises has shown that there has not been any recurrence. Gaseous fumigation was employed.

SWIMMING BATHS AND POOLS.

There are no public or privately owned swimming baths in the area which are open to the public.

SCHOOLS

No alteration has taken place in the sanitary arrangements in the Schools in the area. The taking over of the Radyr Church Hall, Radyr, as an Infants School by the Glamorgan County Council necessitated increasing the lavatory accommodation. Three new W.C's were provided. Precautions as set out in the Memorandum of Closure and Exclusion from School, 1927, continue to be taken to prevent the spread of infectious disease.



NO. 1 DISTRICT - INSPECTOR W. DAVIES.

Inspections & Visits Made.	Defects & Nuisances Found.	Preliminary Notices Served.	Statutory Notices Served.	Remedied.
Public Health Acts	86	60	12	86
Housing Acts	30			
Dairies, Cowsheds and Milkshops	234	14		26
Public Health (Meat) Regulations.	12			
Bakehouses.	4			
Factories, Workshops and Workplaces	6			
Schools	73			2
Infectious Disease	95			
Houses Disinfected	40			
Cesspits cleansed and inspected	37			24
Nuisances from Sanitary Accommodation.	8	6	4	7
Nuisances from Defective Drains	98	18	6	91
Nuisances from Animals	8			
Nuisances from accumulations	6			
Tents, Vans and Sheds.				
Supervising Scavenging				
Rats and Mice Destruction.	14			
Inspection of Water Supplies	22			
Samples of Water for Analyses	22			
Samples of Milk for Analyses.	70			
Petrol & Explosive Stores	30			
Shops Acts and Employment of Young Persons.	41			
Visits not Classified A.R.P. and Salvage )	750			
1907	237	98	22	236.

NO. 2 DISTRICT -- INSPECTOR E. JONES.

	Inspections & Visits Made.	Defects and Nuisances Found.	Preliminary Notices Served.		Statutory Notices Served.		Remedied.
Public Health Acts.	145	75		30		20	75
Housing Acts	49						
Dairies Cowsheds and Milkshops	181	73		28			73
Public Health (Meat) Regulations	4						
Bakehouses.	5						
Factories, Workshops and Workplaces.	10						
Schools	7						
Infectious Disease	25						
Houses Disinfected	19						
Cesspits cleansed and Inspected.	21	3		1		1	3
Nuisances from Sanitary Accommodation	14	14		8		6	14
Nuisances from defective drains.	132	93		20		10	93
Nuisances from Animals.	3	3		1		1	3
Nuisances from accumulations	10	6		2			6
Tents, Vans and sheds.	1						
Supervising Scavenging	206						
Rats and Mice Destruction	4						
Inspection of Water Supplies	43						
Samples of Water for Analysis	38						
Samples of Milk for Analysis	44						
Petrol and Explosive Stores	14						
Shops Acts and Employment of Young Persons.	48						
Visits not classified-A.R.P and Salvage	743						
	1766	267		90		38	267



NO. 3 DISTRICT - INSPECTOR G.I. HALL.

Inspections & Visits Made.	Defects and Nuisances found.	Preliminary Notices Served.	Statutory Notices Served.	Remedied.
Public Health Acts	78	29	3	29
Housing Acts	41			
Dairies, Cowsheds and Milkshops	69	45		45
Public Health (Meat) Regulations.	5			
Bakehouses	4			
Factories, Workshops and Workplaces	3			
Schools	15			
Infectious Disease	122			
Houses Disinfected	11			
Cesspits cleansed and inspected	116	66	2	62
Nuisances from Sanitary Accommodation	23	17	3	17
Nuisances from defective drains	93	13	3	13
Nuisances from Animals	5	1		1
Nuisances from Accumulations	18			
Tents, Vans and Sheds	17			
Supervising Scavenging	80			
Rats and Mice Destruction	12			
Inspection of Water Supplies	30			
Samples of Water for analysis	46			
Samples of Milk for Analysis	16			
Petrol and Explosive Stores	43			
Shops Acts and Employment of Young Persons	6			
Visits not classified, A.R.P. and Salvage	849			
	1712	171	40	167

The following improvements were carried out during the year :-

- (a) New Drains and Cesspool : Forest Farm, Cottages, Whitchurch
- (b) New Drains and Cesspool : Ty Gwyn Small Holdings, Radyr.
- (c) New Drains : Colliers Arms Cottages, Gwaolodygarth.
- (d) New Earth Closet : Tyllwyd Farm, St. Georges.
- (e) Flushing Cisterns and water service : 63 & 65 Merthyr Rd, Tongwynlais.
- (f) New Drains and cesspool : Tymynydd Cottages, Radyr.
- (g) New Drains and cesspool : Greendown Inn, St. Georges.

#### Legal Proceedings.

1. Proceedings were taken against one Owner for non-compliance with an abatement notice. Advocates fee of £2. 2. 0 was awarded the Council and costs amounting to 4/- were imposed on the Defendant.
2. Proceedings were also taken on six charges against a person for breaches of the Petroleum (Consolidation) Act, 1928. Defendant was fined £4. 5. 0 and advocates fee of £3. 3. 0 was also awarded.
3. Legal proceedings were taken against the owner for the recovery of £36 being cost incurred in the repair of a dangerous building which had been the subject of a court order made in 1940, as a result of proceedings taken under Section 58 of the Public Health Act, 1936.

#### SECTION D.

#### HOUSING.

Progress of Housing to the 31st December, 1941 .

1 & 2 Providence Place, Whitchurch.	Completed.
9 - 23 Mill Road, Tongwynlais.	Completed.

The position has not changed with respect to the properties which have been the subject of reports under the Housing Acts and particulars of which were given in my last Annual Report.

Legal proceedings under Section 14 of the Housing Act, 1936, were instituted against one tenant-farmer for permitting the occupation of a dwelling house in contravention of an undertaking to close which had been accepted by the Council. A fine of £1. 0. 0 and £3. 3.0 costs were imposed.

I am indebted to the Engineer and Surveyor for the following information :

Number of Houses completed in the district for the year ending 31st December, 1941, by private enterprise: -

Pentyrch	2
Forthkerry	1
Radyr	2
Whitchurch	18

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23

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Number completed under the Housing Scheme of the Council : Nil.

Progress during the year ending 31.12.41.                      Total Number of houses included in the programme to the 31.12.41.

Number of Houses.  1) which have been demolished. 2) which have been made fit. 3) which have been put out of use for human habitation. 4) which are not accounted for in Items (1) to (3) but in respect of which no further action is necessary.  5) Total of Items (1) to (4)  6) In respect of which action is necessary, but was not completed by the 31st December, 1941.	Houses dealt with in Clearance Areas.	Houses dealt with as individual unfit houses under appropriate provisions of Housing Acts.	TOTAL	Houses dealt with in Clearance Areas.	Houses dealt with as individual unfit houses under appropriate provisions of Housing Acts.	TOTAL.
		10	10	95	55 270	150 270
					32	32
				1		1
	-	10	10	96	357	453
						82
					TOTAL.	535



SECTION E.Inspection and Supervision of Food.

The Glamorgan County Council issued the following licences with respect to producers in your area for the year ending 31st December, 1941 :

- a) Licences to produce and bottle milk under the designation T.T. : 8
- b) Licences to produce milk under the designation T.T. : 4
- c) Licences to produce and bottle milk under the designation  
Accredited : 11
- d) Licences to produce milk under the designation Accredited : 56

The following licences were granted by the District Council in respect of graded milks : -

- a) T.T. Bottling Establishments : 8
- b) Pasteurised Bottling Establishments : 1
- c) Accredited Bottling Establishments : 1 (to 28.2.41)
- d) Dealers in T.T. Milk (purchased by the dealer in  
Bottles ) 4
- e) Dealers in Pasteurised Milk( do ) 3
- f) Supplementary licences with respect to T.T.Milk. 2
- g) Supplementary licences with respect to Pasteurised  
Milk. 2

One hundred and thirty samples were taken for bacteriological examination, the results being as follows : -

	GRADE.		
	T.T.	Pasteurised.	Ungraded.
Satisfactory.	86	9	4
Unsatisfactory	18	9	4
	104	18	8

The following improvements were effected in cowsheds and dairies during the year : -

- 1) Cwrt-yr-ala House Farm, Michaelston-lo-pit : New Floors, Dairy and Washup.
- 2) Pancross Farm, Llancarfan : New dairy and steriliser.
- 3) Leach Castle Farm, Bonvilston : New floors : apron to cowshed: Improved water supply.
- 4) Danygraig Farm, Llanilterne, : New drainage and floors.

Legal proceedings were taken against one person for carrying on the trade of cowkeeper without registration. Defendant was fined £1 and costs.

Meat Inspection.

Regular attention has been given to this matter and following inspections by the Sanitary Inspectors, 319 lbs. of Beef were certified as being unfit for human consumption. Arrangements were made for its disposal as pig-food.

A quantity of food stored in your area after removal from a shop destroyed by enemy action was examined and certificates given for (a) food unfit for human consumption and (b) unmarketable food. Here again steps were taken in collaboration with the Salvage Officer of the Ministry of Food to ensure the

best possible use being made of the goods.

#### SECTION F.

##### Prevalence of and Control over Infectious or other Diseases.

During the year, 438 notifications were received of cases of notifiable diseases as against 389 during 1940. This increase was mainly due to notifications of Measles, 318 as compared with 134 in the previous year. There was a decline in the Scarlet Fever cases from 66 to 23, whilst Diphtheria remained constant 31 against 36, 22 of these cases occurring in persons of over 15 years of age. Cerebro-spinal-meningitis shows a drop from 10 to 5.

In view of the increased number of young persons in your area due to the influx of evacuees, the condition as regards notifiable diseases can be regarded as very satisfactory.

##### Artificial Immunisation against Diphtheria.

As a result of the Ministry of Health Memorandum on Diphtheria Prophylaxis and the issuing of the material for carrying out the injections through the Emergency Public Health Laboratories, an intensive campaign was started early in February, publicity was given to the Scheme by talks on the B.B.C. and posters were displayed at the various clinics. The Health Visitors and Sanitary Inspectors were directed to obtain consent forms from as many persons as possible. The children attending schools, including some private schools, were given forms to take home to their parents, and the response was very encouraging, a start was made and each school in your district was visited on several occasions. It was soon found that as a result of these treatments, more parents made requests for their children to be treated and this very often occasioned more visits to the schools. It was found necessary to employ an extra nurse who was paid on a sessional basis, to assist in this work, so as to leave the two Health Visitors to carry on their routine work free from interruption.

The following figures give details of the treatment which was carried out.

A. No. of Injections : -	Children 1-5 years.	Children over Five Years.
1. 1st Injections :	564	1924
2. 2nd Injections :		
(a) completing treatment	475	1577
(b) requiring further treatment	30	195
3. 3rd Injections	25	165
	<hr/> 1094	<hr/> 3861

##### B. No. of children where the treatment has been completed : -

1. Children under five years	...	...	...	500
2. Children over five years	...	...	...	1742

##### C. Sessions Held :

School Sessions	...	...	...	122
Special Clinic Sessions	...	...	...	13

PARTICULARS OF THE INCIDENCE OF NOTIFIABLE DISEASES IN THE AREA DURING THE YEAR 1941.

Disease.	Total Cases Notified	Age Not Known	Under One Year	1	2	3	4	5	10	15	20	35	45	65 and Over	Cases admitted to Hospital from Residents in Council's Area. Council's Area.	Deaths of Residents in Council's Area.
Scarlet Fever	25	1	-	-	1	3	1	4	6	5	1	1	-	-	18	
Diphtheria	31	-	-	-	-	-	2	4	3	2	6	13	-	1	31	
Enteric Fever (including para-typhoid)	2	-	-	-	-	1	-	-	1	-	-	-	-	-	2	
Puerperal Pyrexia	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	
Pneumonia	18	-	1	-	-	-	-	1	3	-	-	5	4	4	1	
Measles	318	3	6	5	28	29	27	47	133	22	10	4	3	1	12	
Whooping Cough	25	1	1	-	7	2	2	4	6	1	1	-	-	-	-	
Erysipelas	5	-	-	-	-	-	-	-	-	-	-	-	-	5	1	
Cerebro-spinal-Meningitis	5	-	1	-	-	-	-	-	-	-	-	3	-	1	5	
Dysentery	4	-	-	-	-	-	1	-	1	-	1	1	-	-	2	
Infantile Paralysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ophthalmia Neonatorum	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	
	438	5	13	5	36	35	33	60	153	30	19	29	7	12	72	



## ELY ISOLATION HOSPITAL.

	Scarlet Fever.	Diphtheria.	Dysentery	Enteric (including Para-typhoid)	Mumps	Erysipelas	Pneumonia and Measles	Streptococcal Septicæmia	Measles	Total.	Died.
January	2	12			1				9	24	
February		3							1	4	
March	1						1		1	3	
April	2	2				1		1 +		6	1 +
May	2	2								4	
June	1	-								1	
July		1		1						2	
August			2							2	
September	8	1								9	
October		1							1	2	
November		5		1						6	
December	3	2								5	
Total	19	29	2	2	1	1	1	1	12	68	1

Cases admitted from Outside your District :

Scarlet Fever : 2

Diphtheria : 2

TUBERCULOSIS.

New cases and mortality during 1941.

Age Periods	New Cases				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0								
1								
6		1	2	3				
15	3	5	4	2	3	3		
25	1	2				1		
35	2	4		1	1	1		
45	3				4			
55	2				3	1		
65					1	3		
and Upwards								
Totals.	11	12	6	6	12	9	-	-

The ratio of non-notified Tuberculosis Deaths to be total Tuberculosis Deaths is very small.

In all cases of death from Tuberculosis which have not been previously notified the practitioners are written to asking for an explanation of the reason for non-notification and this is usually found to be satisfactory.

The practice of not permitting evacuees to be billeted in houses where cases of Tuberculosis are present has persisted during the year.

The following- up of Tuberculosis cases by the Health Visitors has been more effectively carried out and disinfection after removal of the case to Hospital or Sanatorium or upon notification of death has been carried out in all cases. Form M235/1 are regularly sent to the Tuberculosis Officer and also advice pamphlets and where necessary sputum flasks are distributed to patients.

In conclusion, I wish to thank the Members of the Council, the Staff of the Health Department and the Chief Officials of the other Departments for their valued assistance and kind co-operation throughout the year.

I am, Mr. Chairman and Gentlemen,

27th July, 1942.

Your obedient Servant,

G. McKim Thomas,  
Medical Officer of Health.